



Backhaul Alaska Advisory Committee

March 17, 2020

Agenda

Presentations

- Funding Need Projections
- Current Funding Sources
- Product Stewardship
- Environmental Finance Advisory Board

Discussion

- Feasibility, Opportunities, Risks?
- Other Sustainable Funding Options?

Projected Costs (preliminary estimates)

Component	2020	2030
Program Operations	\$ 785,825	\$ 1,136,169
Recycling, shipping	\$ 51,107	\$ 557,869
Direct village investment	\$ 181,752	\$ 1,673,716
Administration Indirect	\$ 101,868	\$ 336,775
Total	\$ 1,120,552	\$ 3,704,529
Number of villages	17	162
Per village backhaul costs	\$ 65,915	\$ 22,867
Per person backhaul costs	\$ 218	\$ 66

Note: Program operations include state and regional coordination, training, outreach.

Village investment includes supplies, labor, O&M

Implementation Plan

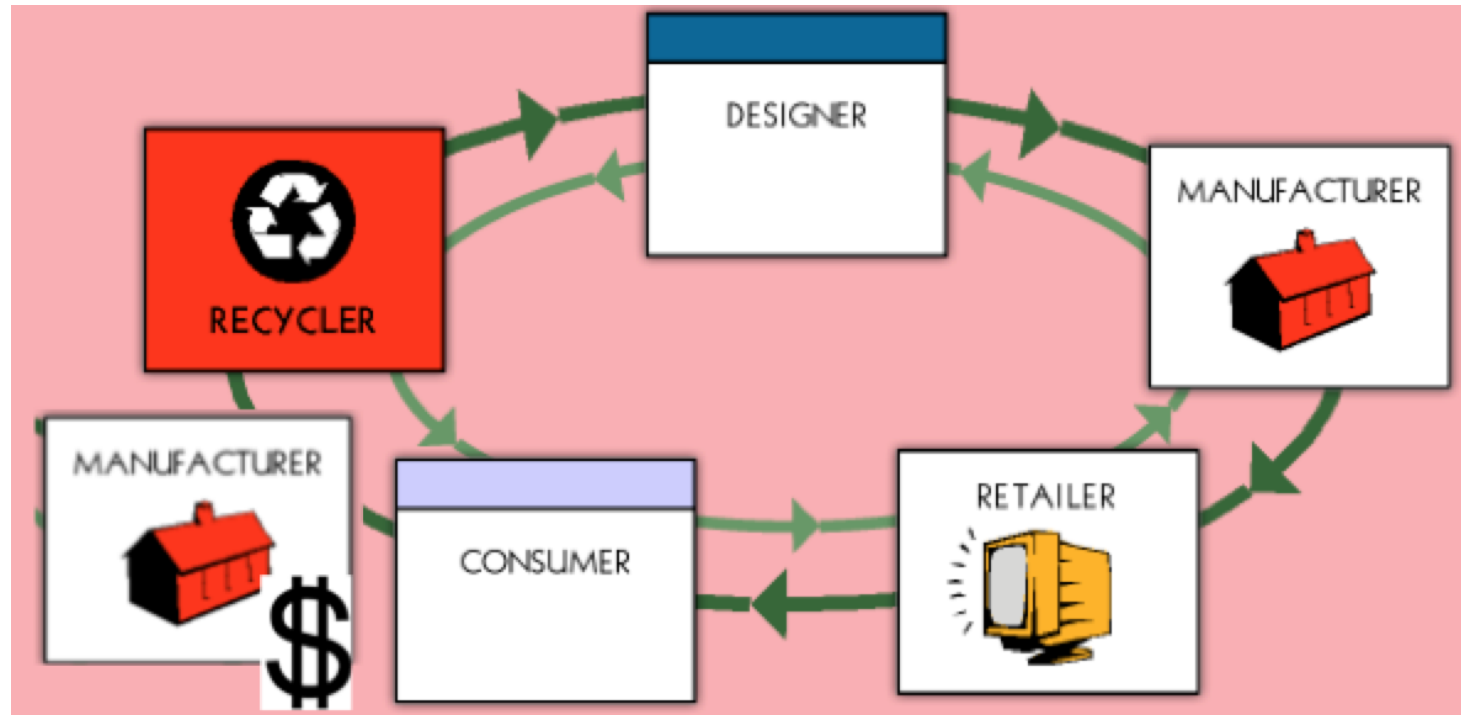
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Phase	Pilot Phase (25 Villages)			Initial Implementation		Program Growth			Self-Sustaining Program		
Funding	Primarily Government BIA, DOT, EPA: IGAP, RCRA, EJ			<ul style="list-style-type: none">• Fees from contributors to the backhaul waste stream• Recycling income• Donations from Industry in-kind services,• Regional entities (e.g. ANCSA)• Product Stewardship program for AK (?)• Other - TBD							

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Product Stewardship / EPR

Product Stewardship / EPR

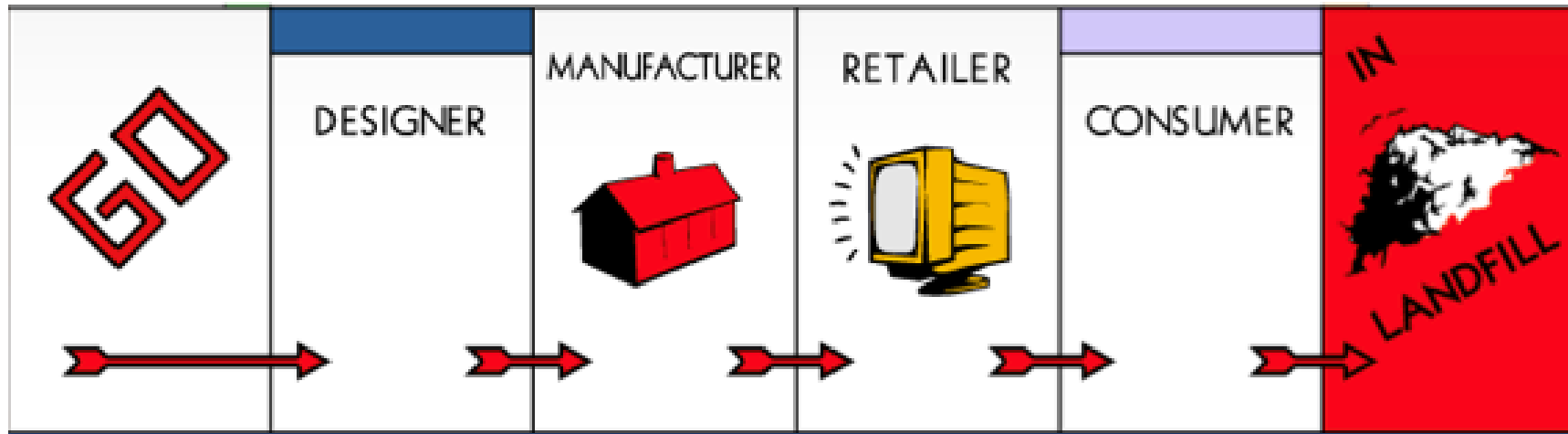
Product Stewardship or Extended Producer Responsibility (EPR) is a policy approach in which a **producer of a product is responsible for recycling or disposal of their products.**



The Closed Loop Lifecycle of Consumer Goods

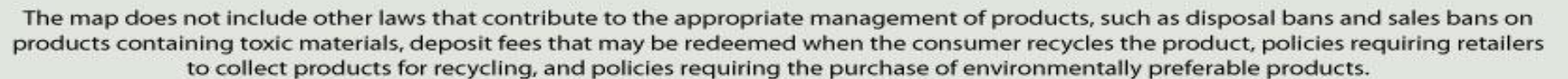
No Product Stewardship / EPR

With no Product Stewardship in place, consumer goods end up in the landfill.



The Linear Lifecycle of Consumer Goods

**Product
Stewardship
Programs are
in 27 States
Across the
U.S.**



Product Stewardship Workgroup Formed

- Convened by the Solid Waste Alaska Taskforce (SWAT)
- 2018
 - February: 101 session and workshop
 - July: met with State of Maine experts on their PS program
 - October: workshop that developed 3 workgroups
 - Framework - Outreach/PR - Cultural/Regional Affairs
- 2019 Framework Group developed a program design
 - Products covered
 - Performance goals
 - Collection convenience
 - Implementation entity
 - Stakeholder engagement
 - Reporting

Product Stewardship Next Steps

- Program Design focuses on electronics (e-waste)
- Would require state legislation
- Workgroups will:
 - produce materials to inform Alaskans
 - refine program design for State fiscal challenges
- Timeline 2020 – 2025

Environmental Finance Advisory Board (EFAB)

Environmental Finance Advisory Board

- Federal Advisory Committee to EPA
- Round 1 Report and Recommendations in August 2019
 - Financial projection model template
 - Recommendations on organizational models: Co-op
 - Recommendations for new sources of funding: Product Stewardship
 - Areas for additional research
- Round 2 Consultation in February 2020
 - Organizational structure, administration, operations
 - Sustainable funding

<http://www.epa.gov/waterfinancecenter/efab>

Recommendation: Endowment

- \$75 million endowment would allow the program to draw 3-4% per year to fund operations
- Considerations:
 - Use investment advisor
 - Seek law firm to help with set up
 - Need oversight/financial regulators
 - Funds could be raised from corporations, foundations

Group Input

Discussion: Feasibility, Opportunity, Risk?

- Do you think a \$75M endowment is feasible?
- What advice do you have for embarking on an endowment fundraising campaign?
- What advice do you have for pursuing a Product Stewardship Program?
- What other sustainable funding ideas do you have?